

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(bearing near2 (cap or cover or housing)) same ((spool or hydraulic\$4) near2 valve) same camshaft same ((relative or phas\$3 or angular) near2 rotat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 15:08
L2	13	(bearing near2 (cap or cover or housing)) same ((spool or hydraulic\$4) near2 valve) same camshaft	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 15:12
L3	124	(bearing near2 (cap or cover or housing)) same ((spool or hydraulic\$4) near2 valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 15:14
L4	10288	123/90.12,90.15-90.17,90.27,90.31,90.34,90.38,193.1,193.3,193.5,195C,198E.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 15:12
L5	15	L3 and L4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 15:12
L6	5	L5 not L2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 15:12
L7	2265	bearing same ((spool or hydraulic\$4) near2 valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 15:14
L8	99	L4 and L7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 15:18
L9	26106	daimler-\$.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 15:19
L10	70	L4 and L9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 15:19
L11	4923	mercedes-\$.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 15:19

L12	28	L4 and L11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 15:19
L13	4670	chrysler-\$.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 15:19
L14	36	L4 and L13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 15:20
L15	6917	lehmann-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 15:20
L16	8	L4 and L15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 15:21
L17	41797	schmidt-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 15:21
L18	28	L4 and L17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/09 15:21
S1	30	lehmann-kai.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/14 17:54
S2	10	schmidt-timo.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/14 17:47
S3	1	de-19508505-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/14 17:50
S4	1	de-19502496-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/14 17:50
S5	0	de-04034406-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/14 17:51

S6	1	de-4034406-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/14 17:51
S7	1	de-69411126-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/14 17:51
S8	639	123/90.17.ccls. and 123/90.31. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/14 17:55
S9	2	((123/90.17.ccls. and 123/90.31. ccls.) and (control or solenoid) near2 valve same camshaft with bearing same head near2 cover	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/14 17:58
S10	83	((123/90.17.ccls. and 123/90.31. ccls.) and valve with (camshaft or cam\$1shaft) same (fluid\$6 or hydraulic\$4) near4 (camshaft or cam\$1shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/14 18:00
S11	14	((123/90.17.ccls. and 123/90.31. ccls.) and valve with (camshaft or cam\$1shaft) same (fluid\$6 or hydraulic\$4) near4 (camshaft or cam\$1shaft)) and valve near2 (mount\$3 or fix\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/14 18:00
S12	19	"5590632"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/14 18:07
S13	26	"5540197".URPN.	USPAT	OR	ON	2004/08/14 18:09
S14	29	"5301639".URPN.	USPAT	OR	ON	2004/08/14 18:13
S15	28	"5540197"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/16 10:49
S16	9	((123/90.17.ccls. and 123/90.31. ccls.) and valve with (camshaft or cam\$1shaft) same (fluid\$6 or hydraulic\$4) near4 (camshaft or cam\$1shaft)) and valve near2 mount\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/16 12:26

S17	18	(US-5954019-\$ or US-6035817-\$ or US-6026772-\$ or US-6032629-\$ or US-5590632-\$ or US-5301639-\$ or US-6672283-\$ or US-6675752-\$ or US-6708659-\$ or US-6748911-\$ or US-6752108-\$ or US-5803031-\$ or US-5669343-\$ or US-5540197-\$ or US-5785026-\$ or US-5794579-\$ or US-5988126-\$ or US-6076492-\$).did.	USPAT	OR	OFF	2004/08/16 15:28
S18	8	((US-5954019-\$ or US-6035817-\$ or US-6026772-\$ or US-6032629-\$ or US-5590632-\$ or US-5301639-\$ or US-6672283-\$ or US-6675752-\$ or US-6708659-\$ or US-6748911-\$ or US-6752108-\$ or US-5803031-\$ or US-5669343-\$ or US-5540197-\$ or US-5785026-\$ or US-5794579-\$ or US-5988126-\$ or US-6076492-\$).did.) and (camshaft or cam\$1shaft) with (hydraulic\$4 or fluid\$6) same bearing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/16 15:37
S19	8	((((US-5954019-\$ or US-6035817-\$ or US-6026772-\$ or US-6032629-\$ or US-5590632-\$ or US-5301639-\$ or US-6672283-\$ or US-6675752-\$ or US-6708659-\$ or US-6748911-\$ or US-6752108-\$ or US-5803031-\$ or US-5669343-\$ or US-5540197-\$ or US-5785026-\$ or US-5794579-\$ or US-5988126-\$ or US-6076492-\$).did.) and (camshaft or cam\$1shaft) with (hydraulic\$4 or fluid\$6) same bearing) and (head or cover or block)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/16 17:23
S20	1	(((((US-5954019-\$ or US-6035817-\$ or US-6026772-\$ or US-6032629-\$ or US-5590632-\$ or US-5301639-\$ or US-6672283-\$ or US-6675752-\$ or US-6708659-\$ or US-6748911-\$ or US-6752108-\$ or US-5803031-\$ or US-5669343-\$ or US-5540197-\$ or US-5785026-\$ or US-5794579-\$ or US-5988126-\$ or US-6076492-\$).did.) and (camshaft or cam\$1shaft) with (hydraulic\$4 or fluid\$6) same bearing) and (head or cover or block))) and crankcase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/16 16:23

S21	5	((US-5954019-\$ or US-6035817-\$ or US-6026772-\$ or US-6032629-\$ or US-5590632-\$ or US-5301639-\$ or US-6672283-\$ or US-6675752-\$ or US-6708659-\$ or US-6748911-\$ or US-6752108-\$ or US-5803031-\$ or US-5669343-\$ or US-5540197-\$ or US-5785026-\$ or US-5794579-\$ or US-5988126-\$ or US-6076492-\$).did.) and crankcase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/16 16:23
S22	81	"5107804"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/16 17:23
S23	9920	123/90.12,90.15-90.17,90.27,90.31,90.34,90.38,193.1,193.3,193.5,195C,198E.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/16 17:39
S24	0	123/90.12,90.15-90.17,90.27,90.31,90.34,90.38,193.1,193.3,193.5,195C,198E.ccls. and (adjust\$3 or phaser or changer) with (hydraulic\$4 or fluid\$6) same control near2 valve same bearing same (fluid or oil) near2 (camshaft or cam\$1shaft) same (head or cover or block)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/16 17:53
S25	1	123/90.12,90.15-90.17,90.27,90.31,90.34,90.38,193.1,193.3,193.5,195C,198E.ccls. and (adjust\$3 or phaser or changer) with (hydraulic\$4 or fluid\$6) same control near2 valve same bearing same (fluid or oil) near4 (camshaft or cam\$1shaft) same (head or cover or block)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/16 17:54
S26	1	123/90.12,90.15-90.17,90.27,90.31,90.34,90.38,193.1,193.3,193.5,195C,198E.ccls. and (adjust\$3 or phaser or changer) with (hydraulic\$4 or fluid\$6) same control near2 valve same bearing same (fluid or oil) near6 (camshaft or cam\$1shaft) same (head or cover or block)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/16 17:55
S27	6	123/90.12,90.15-90.17,90.27,90.31,90.34,90.38,193.1,193.3,193.5,195C,198E.ccls. and (adjust\$3 or phaser or changer) with (hydraulic\$4 or fluid\$6) same control near2 valve same bearing same (head or cover or block)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/16 17:58

S28	21	123/90.12,90.15-90.17,90.27,90.31,90.34,90.38,193.1,193.3,193.5,195C,198E.ccls. and (adjust\$3 or phaser or changer) same control near2 valve same bearing same (head or cover or block)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/16 17:58
S29	15	(123/90.12,90.15-90.17,90.27,90.31,90.34,90.38,193.1,193.3,193.5,195C,198E.ccls. and (adjust\$3 or phaser or changer) same control near2 valve same bearing same (head or cover or block)) not (123/90.12,90.15-90.17,90.27,90.31,90.34,90.38,193.1,193.3,193.5,195C,198E.ccls. and (adjust\$3 or phaser or changer) with (hydraulic\$4 or fluid\$6) same control near2 valve same bearing same (head or cover or block))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/16 17:58
S30	19	(US-5988126-\$ or US-5540197-\$ or US-6032629-\$ or US-6076492-\$ or US-6035817-\$ or US-6295964-\$ or US-5794579-\$ or US-6026772-\$ or US-5785026-\$ or US-5954019-\$ or US-6752108-\$ or US-6675752-\$ or US-6708659-\$ or US-6748911-\$ or US-6672283-\$ or US-5590632-\$ or US-5301639-\$ or US-5669343-\$ or US-5803031-\$).did.	USPAT	OR	OFF	2004/08/21 16:24
S31	2	((US-5988126-\$ or US-5540197-\$ or US-6032629-\$ or US-6076492-\$ or US-6035817-\$ or US-6295964-\$ or US-5794579-\$ or US-6026772-\$ or US-5785026-\$ or US-5954019-\$ or US-6752108-\$ or US-6675752-\$ or US-6708659-\$ or US-6748911-\$ or US-6672283-\$ or US-5590632-\$ or US-5301639-\$ or US-5669343-\$ or US-5803031-\$).did.) and (block or head or bearing) same (control or hydraulic or fluid) near2 valve same (adjust\$4 or phas\$3 or chang\$3) near2 (timing or lift) same (opening or outlet or inlet or passage\$4 or path\$4 or conduit or channel or bore or port)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/21 16:31

S32	8	((US-5988126-\$ or US-5540197-\$ or US-6032629-\$ or US-6076492-\$ or US-6035817-\$ or US-6295964-\$ or US-5794579-\$ or US-6026772-\$ or US-5785026-\$ or US-5954019-\$ or US-6752108-\$ or US-6675752-\$ or US-6708659-\$ or US-6748911-\$ or US-6672283-\$ or US-5590632-\$ or US-5301639-\$ or US-5669343-\$ or US-5803031-\$).did.) and (block or head or bearing) same (control or hydraulic or fluid) near2 valve same (adjust\$4 or phas\$3 or chang\$3) same (opening or outlet or inlet or passage\$4 or path\$4 or conduit or channel or bore or port)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/21 16:45
S33	8	((US-5988126-\$ or US-5540197-\$ or US-6032629-\$ or US-6076492-\$ or US-6035817-\$ or US-6295964-\$ or US-5794579-\$ or US-6026772-\$ or US-5785026-\$ or US-5954019-\$ or US-6752108-\$ or US-6675752-\$ or US-6708659-\$ or US-6748911-\$ or US-6672283-\$ or US-5590632-\$ or US-5301639-\$ or US-5669343-\$ or US-5803031-\$).did.) and (block or crankcase or crank\$1case or head or bearing) same (control or hydraulic or fluid) near2 (mechanism or device or valve) same (adjust\$4 or phas\$3 or chang\$3) same (opening or outlet or inlet or passage\$4 or path\$4 or conduit or channel or bore or port)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/21 17:12
S34	5	((US-5988126-\$ or US-5540197-\$ or US-6032629-\$ or US-6076492-\$ or US-6035817-\$ or US-6295964-\$ or US-5794579-\$ or US-6026772-\$ or US-5785026-\$ or US-5954019-\$ or US-6752108-\$ or US-6675752-\$ or US-6708659-\$ or US-6748911-\$ or US-6672283-\$ or US-5590632-\$ or US-5301639-\$ or US-5669343-\$ or US-5803031-\$).did.) and (crank\$1case or crankcase)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/21 16:47

S35	17	((US-5988126-\$ or US-5540197-\$ or US-6032629-\$ or US-6076492-\$ or US-6035817-\$ or US-6295964-\$ or US-5794579-\$ or US-6026772-\$ or US-5785026-\$ or US-5954019-\$ or US-6752108-\$ or US-6675752-\$ or US-6708659-\$ or US-6748911-\$ or US-6672283-\$ or US-5590632-\$ or US-5301639-\$ or US-5669343-\$ or US-5803031-\$).did.) and (block or crankcase or crank\$1case or head or bearing) same (control or hydraulic or fluid) near2 (mechanism or device or valve) and (adjust\$4 or phas\$3 or chang\$3) and (opening or outlet or inlet or passage\$4 or path\$4 or conduit or channel or bore or port)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/21 17:13
S36	2	(bearing adj cover) with ((hydraulic\$4 or fluid\$6) near2 valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/29 15:37
S37	1262	bearing with ((hydraulic\$4 or fluid\$6) near2 valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/29 15:37
S38	10150	123/90.12,90.15-90.17,90.27,90.31,90.34,90.38,193.1,193.3,193.5,195C,198E.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/29 15:37
S39	49	S37 and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/29 15:46
S40	11	"6289861"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/29 15:46